



174/251

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Martin Langhammer
Application No. : 10/678,201 Confirmation No.: 2127
Filed : October 3, 2003
For : MULTI-FUNCTIONAL DIGITAL SIGNAL
PROCESSING CIRCUITRY
Group Art Unit : 2631

New York, New York 10020
February 26, 2004

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and 1.97,
applicant hereby makes the following references of record
in the above-identified patent application:

U.S. Patents

| | | |
|-----------|-------------------|----------|
| 6,400,290 | Langhammer et al. | 06/04/02 |
| 6,538,470 | Langhammer et al. | 03/25/03 |
| 6,556,044 | Langhammer et al. | 04/29/03 |
| 6,566,906 | Hwang et al. | 05/20/03 |
| 6,628,140 | Langhammer et al. | 09/30/03 |

U.S. Patent Applications

| | | |
|----------------|-----------------|----------------|
| 09/826,527 | Langhammer | filed 04/04/01 |
| 10/132,873 | Langhammer | filed 04/24/02 |
| 2002/0089348A1 | Langhammer | 07/11/02 |
| 10/294,234 | Farrugia et al. | filed 11/13/02 |
| 10/349,541 | Venkata et al. | filed 01/21/03 |
| 10/383,304 | Burney et al. | filed 03/05/03 |

Other Documents

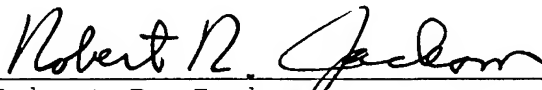
Numerical Recipes in C: The Art of Scientific Computing, Cambridge University Press, 1992, pp. 176-178.

Copies of the aforementioned documents, which are listed on the accompanying Form PTO-1449 (submitted in duplicate), are enclosed herewith.

It is respectfully requested that these documents be (1) fully considered by the Patent and Trademark Office during examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

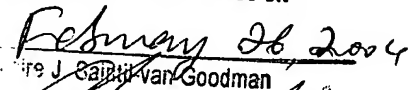
An early and favorable action is respectfully requested.

Respectfully submitted,



Robert R. Jackson
Registration No. 26,183
Attorney for Applicant
FISH & NEAVE
Customer No. 36981
1251 Avenue of the Americas
New York, New York 10020-1105
Tel.: (212) 596-9000

I hereby certify that this
Correspondence is being
deposited with the U.S.
Postal Service as First
Class Mail in an envelope
addressed to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450 on


J. Baird van Goodman

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
AL/251APPLN. NO.
10/678,201INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Martin LanghammerCONF. NO.
2127FILING DATE
November 14, 2003GROUP ART UNIT
2631

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|--------------------|----------|-------------------|-------|----------|----------------------------------|
| | 6,400,290 | 06/04/02 | Langhammer et al. | | | |
| | 6,538,470 | 03/25/03 | Langhammer et al. | | | |
| | 6,566,044 | 04/29/03 | Langhammer et al. | | | |
| | 6,566,906 | 05/20/03 | Hwang et al. | | | |
| | 6,628,140 | 09/30/03 | Langhammer et al. | | | |
| | | | | | | |

U.S. PATENT APPLICATIONS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|--------------------|----------|-----------------|-------|----------|----------------------------------|
| | 09/826,527 | | Langhammer | | | 04/04/01 |
| | 10/132/873 | | Langhammer | | | 04/24/02 |
| | 2002/0089348 A1 | 07/11/02 | Langhammer | | | |
| | 10/294,234 | | Farrugia et al. | | | 11/13/02 |
| | 10/349,541 | | Venkata et al. | | | 01/21/03 |
| | 10/383,304 | | Burney et al. | | | 03/05/03 |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---------------------|--------------------|------|---------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| EXAMINER INITIAL | |
|---------------------|---|
| | Numerical Recipes in C: The Art of Scientific Computing, Cambridge University Press, 1992, pp. 176-178. |
| | |
| | |
| | |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
AL/251APPLN. NO.
10/678,201INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Martin LanghammerCONF. NO.
2127FILING DATE
November 14, 2003GROUP ART UNIT
2631

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|--------------------|----------|-------------------|-------|----------|----------------------------------|
| | 6,400,290 | 06/04/02 | Langhammer et al. | | | |
| | 6,538,470 | 03/25/03 | Langhammer et al. | | | |
| | 6,566,044 | 04/29/03 | Langhammer et al. | | | |
| | 6,566,906 | 05/20/03 | Hwang et al. | | | |
| | 6,628,140 | 09/30/03 | Langhammer et al. | | | |

U.S. PATENT APPLICATIONS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|--------------------|----------|-----------------|-------|----------|----------------------------------|
| | 09/826,527 | | Langhammer | | | 04/04/01 |
| | 10/132/873 | | Langhammer | | | 04/24/02 |
| | 2002/0089348 A1 | 07/11/02 | Langhammer | | | |
| | 10/294,234 | | Farrugia et al. | | | 11/13/02 |
| | 10/349,541 | | Venkata et al. | | | 01/21/03 |
| | 10/383,304 | | Burney et al. | | | 03/05/03 |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---------------------|--------------------|------|---------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| EXAMINER INITIAL | |
|---------------------|---|
| | Numerical Recipes in C: The Art of Scientific Computing, Cambridge University Press, 1992, pp. 176-178. |
| | |
| | |
| | |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.